



## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet	1	of	2
-------	---	----	---

**Complete if Known**

Application Number	10/689,241
Filing Date	10/20/2003
First Named Inventor	Zaidi
Art Unit	2877
Examiner Name	TBD
Attorney Docket Number	02 P 50491 US/INTECH 3.0-087

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

**Examiner  
Signature**

Michael Statina

Date  
Considered

10-21-05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete If Known</b>	
				Application Number	10/689,241
				Filing Date	10/20/2003
				First Named Inventor	Zaidi
				Art Unit	2877
				Examiner Name	TBD
Sheet	2	of	2	Attorney Docket Number	02 P 50491 US/INTECH 3.0-087

[illegible]

Examiner Signature	Michael Stahn	Date Considered	10-21-05
-----------------------	---------------	--------------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

***If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.***



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Institute for form 1449A/B/PTO			<b>Complete If Known</b>		
			Application Number	10/689,241	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			Filing Date	October 20, 2003	
			First Named Inventor	Syed Shoaib Hasan Zaidi	
			Art Unit	N/A	
			Examiner Name	Not Yet Assigned	
			Attorney Docket Number	INTECH 3.0-087	
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
JS	AA	US-2003/0063278-A1	04-03-2003	Zaidi	
JS	AB	US-2003/0133127-A1	07-17-2003	Zaidi, et al.	
JS	AC	US-6,548,314-B1	04-15-2003	Zaidi	
JS	AD	US-6,596,377-B1	07-22-2003	Hersee et al.	
JS	AE	US-6,320,648-B1	11-20-2001	Brueck et al.	
JS	AF	US-6,233,044-B1	05-15-2001	Brueck et al.	
JS	AG	US-6,042,998-B1	03-28-2000	Brueck et al.	
JS	AH	US-Re. 36,113-E	02-23-1999	Brueck et al.	
JS	AI	US-5,759,744-B1	06-02-1998	Brueck et al.	
JS	AJ	US-5,705,321-B1	01-06-1998	Brueck et al.	
JS	AK	US-5,415,835-B1	05-16-1995	Brueck, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
JS	CA	Sui, et al., "Integrated Process Control Using an In Situ Sensor for Etch," Solid State Technology, April, 2002		
JS	CB	Herrick, et al., "Using Broadband Reflectometry for Fast Trench-Depth Measurement," Solid State Technology, February, 2003		
JS	CC	Logofatu, "Tools for Testing - A Non-Contact, Nondestructive Option for Characterizing Lithography Test Samples, Scatterometry Performance Improves," Spie's OE Magazine, August, 2003, pp. 40-42		
	CD	<del>Seller, et al., "Challenges of Metrology and Characterization Measurements for ULSI Technology," National Institute of Standards and Technology, pp. 158-166</del>		
	CE	<del>McNeil, "Scatterometry Applied to Microelectronics Processing," <a href="http://www.ieee.org/organizations/pubs/newletters/leos/oct00/scatter.html">www.ieee.org/organizations/pubs/newletters/leos/oct00/scatter.html</a></del>		
	CF	<del>"The Shack-Hartmann Sensor," <a href="http://www.polytec-pt.fr/wavefrontsciences/ophthalmic/hartmannsensor.html">www.polytec-pt.fr/wavefrontsciences/ophthalmic/hartmannsensor.html</a></del>		
	CG	<del>"The Shack-Hartmann Sensor," <a href="http://www.wavefrontsciences.com/ophthalmic/hartmannsensor.html">www.wavefrontsciences.com/ophthalmic/hartmannsensor.html</a></del>		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Michael Stefan	Date Considered	10-21-03
--------------------	----------------	-----------------	----------

460632\_1.DOC

\* Line through citations not considered because they fail to provide a date of publication.